This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (currently amended) A method ~~Method with~~ by which a mobile subscriber with a WAP-enabled terminal can access a WEB or WAP server, comprising the steps of:
~~wherein~~ said terminal ~~sends~~ sending a request for said
        server to a WAP gateway, wherein ~~the security~~
        encryption in the ~~air~~ wireless interface between
        said WAP-enabled terminal and said gateway is based
        on WTLS (Wireless Transport Layer Security), and
        wherein ~~the security~~ an encryption protocol used by
        said server is based on the SSL and/or TLS security
        protocol[[,]]; and
~~wherein the conversion~~ converting between WTLS and SSL
        and/or TLS ~~is effected~~ in a secured domain of said
        server administrated by an administrator, ~~and~~
        wherein ~~the~~ WTLS encrypted packets sent by said
        terminal are routed by said gateway to said secured
        domain[[,]] without said gateway decrypting all of
        the encrypted packets transported during a session.

2.   (currently amended) Method according to claim 1, wherein said gateway ~~(3)~~ routes said packets to a proxy in said secured domain, said proxy using at least one protocol layer of the WAP protocol.

3.   (currently amended) Method according to claim 2, wherein said packets are routed according to the ~~URI~~ URL and/or the domain name of the requested page in said gateway.

4.   (currently amended) Method according to claim 2, wherein said packets are routed according to the port number

3   in said gateway ~~(3)~~.

1   5.   (currently amended) Method according to claim 4,
2   wherein ~~the~~ said <u>encrypted</u> packets are routed according to
3   different port numbers to different secured domains.

1   6.   (currently amended) Method according to claim 4,
2   wherein said port numbers are extracted in an application
3   layer of said gateway from the ~~URI and/or~~ URL of the requested
4   page.

1   7.   (original)   Method according to claim 6, wherein
2   said port number is extracted from only a restricted number of
3   packets during a session, and wherein the routing of at least
4   one of the following packets depends on this extracted port
5   number.

1   8.   (currently amended) Method according to claim 7,
2   wherein a proxy server in said secured domain extracts the ~~URI~~
3   <u>URL</u> and/or the port number of the received packets and wherein
4   the proxy server sends back a command to said gateway if it
5   receives a packet with a different ~~URI~~ <u>URL</u> and/or port number.

1   9.   (currently amended) Method according to claim 4,
2   wherein said port number is extracted from said ~~URI and/or~~ URL
3   of the required web page in said terminal.

1   10.   (currently amended) Method according to claim 9,
2   wherein said port number is extracted by a browser from said
3   ~~URI and/or~~ URL of the required web page.

1   11.   (original)   Method according to claim 8, wherein
2   the browser in said terminal only copies said port number in
3   said packets if an end-to-end secured connection is requested.

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1 12. (original) Method according to claim 3, wherein

2 said packets in said gateway are routed to a secured domain if

3 said port number is comprised in a predefined range.

1 13. (currently amended) Method according to claim 3,

2 wherein said gateway ~~(3)~~ sends a redirect command to said

3 terminal if an end-to-end secured connection is requested.

1 14. (currently amended) Method according to ~~the~~

2 ~~preceding~~ claim 13, wherein said redirect command is time-

3 limited.

1 15. (currently amended) Method according to claim 13,

2 wherein a proxy server in said secured domain extracts the ~~URI~~

3 URL and/or the port number of the received packets and sends a

4 redirect command back to said terminal as soon as the session

5 is to be routed to said gateway.

1 16. (original) Method according to claim 13, wherein

2 said redirect command contains a forwarding address which is

3 extracted from a document made accessible by said WEB or WAP

4 server.

1 17. (original) Method according to claim 13, wherein

2 said redirect command contains a document which includes the

3 forwarding address.

1 18. (currently amended) A ~~Method with~~ method by which a

2 mobile user with a WAP-enabled terminal can access a WEB or

3 WAP server, said method comprising the steps of:

4 said terminal sending a request for said server to a WAP

5   gateway, wherein a browser in said terminal extracts

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6   the port number of the demanded WEB or WAP page and

7   copies it to packets sent to said gateway[[,]]; and

8   ~~and wherein~~ routing said packets ~~are routed~~ in said

9   gateway according to this port number.

1   19. (currently amended) A ~~Gateway~~ gateway comprising:

2   means for receiving ~~able to receive WTLS seceured~~

3   ~~datagrams~~ packets encrypted according to the WTLS

4   protocol from WAP-enabled terminals; ~~and to convert~~

5   ~~them~~

6   means for converting said packets into SSL-~~secured~~

7   encrypted requests; [[,]] and

8   means for transmitting said SSL-requests to a receiving

9   server, wherein said gateway can recognize WTLS-

10   encrypted packets ~~datagrams~~ that are to be sent on

11   transparently and ~~routes~~ can convert said WTLS-

12   encrypted ~~these~~ ~~datagrams~~ packets into SSL-encrypted

13   request without decrypting the information contained

14   in said WTLS-encrypted packets ~~them~~.

1   20. (currently amended) Gateway according to ~~the~~

2 ~~preceding~~ claim 19, wherein said WTLS-encrypted packets are

3 routed according to the ~~URI~~ URL and/or the domain name of the

4 requested page.

1   21. (currently amended) Gateway according to the claim

2 19, wherein said WTLS-encrypted packets are routed according

3 to the port number of the requested page.

1   22. (currently amended) Gateway according to ~~the~~

2 ~~preceding~~ claim 21,

3   wherein said WTLS-encrypted packets are routed to

4   different secured domains according to different

5   port numbers.

1   23. (currently amended) Gateway according to claim 21,

2 wherein said port number is extracted from the ~~URI and/or~~ URL

3 of the requested page in an application layer of said gateway.

1   24. (currently amended) Gateway according to claim 21,

2 wherein said port number is extracted during a session only

3 from a restricted number of WTLS-encrypted packets,

4   and wherein the routing of at least one following WTLS-

5   encrypted packet depends on said extracted port

6   number.

1   25. (currently amended) ~~Method with~~ A method by which a

2 terminal can access a server, said method comprising the steps

3 of:[[,]] ~~wherein~~

4   said terminal ~~sends~~ sending a request for said server to

5   a gateway, wherein ~~the~~ security utilized between

6   said terminal and said gateway is based on a first

7   security protocol, said first security protocol

8   including an encryption;

9   ~~wherein~~ securing said server ~~is secured~~ with a second

10   security protocol, said second security protocol

11   also including an encryption; and ~~wherein~~

12   ~~the conversion~~ converting between said first and said

13   second security protocol ~~is effected~~ in a secured

14   domain of said server administrated by an

15   administrator, ~~and~~ wherein

16   ~~the~~ encrypted packets sent by said terminal are routed by

17   said gateway to said secured domain[[,]] without

18   said gateway decrypting all of the packets

19   transmitted during a session.

1   26. (new) A method for performing end-to-end secure data

2 transfer between a terminal and a server, wherein said

3 terminal is connected to said server via a wireless connection

4 between said terminal and a gateway, said method comprising

5 the steps of:

6   said terminal requesting a secure communication session

7   with said server via said gateway, said requesting

8   including the steps of:

9   said terminal generating a request including request

10   packets encrypted using a WTLS protocol,

11   said terminal sending said request to said gateway,

12   said gateway forwarding said request to said server

13   or to another server, wherein said gateway does

14   not decrypt all of said request packets, and

15   said server or said another server decrypting some

16   number of said request packets using said WTLS

17   protocol;

18   and

19   said server or said another server serving data to said

20   terminal via said gateway, said serving including

21   the steps of:

22   said server or said another server sending said data

23   including data packets encrypted using said

24   WTLS protocol to said gateway;

25   said gateway forwarding said data packets to said

26   terminal, wherein said gateway does not decrypt

27   all of said data packets; and

28   said terminal decrypting said data packets using

29   said WTLS protocol.

1   27. (new) The method of claim 26, wherein said gateway

2 must decrypt some but not all of said request packets to

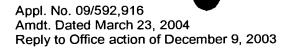3 forward said request to said server or said another server.

4   28. (new) The method of claim 27, wherein said gateway

5 must decrypt some but not all of said data packets to forward

6   said data to said terminal.

1   29. (new) The method of claim 26, wherein a browser on
2   said terminal provides information to said gateway for
3   forwarding said request to said server or said another server
4   without said gateway decrypting any of said request packets.

1   30. (new) The method of claim 29, wherein said
2   information includes one or more of: a port number, a domain
3   name, and an URL.

1   31. (new) A system for performing end-to-end secure data
2   transfer between a terminal and a server, said system
3   comprising:
4   a gateway adapted for receiving a request for a secure
5   session with said server from the terminal, wherein
6   said request includes request packets encrypted
7   using a WTLS protocol, and wherein said gateway is
8   also adapted for forwarding said request to said
9   server or to another server, wherein said gateway
10   does not decrypt all of said request packets for
11   performing said forwarding;
12   said server or said another server adapted for decrypting
13   some number of said request packets using said WTLS
14   protocol and also adapted for serving data including
15   data packets encrypted using said WTLS protocol to
16   said gateway, wherein
17   said gateway forwards said data to said terminal without
18   decrypting all of said data packets, and wherein
19   the terminal decrypts said data packets using said WTLS
20   protocol.

1   32. (new) The system of claim 31, wherein said gateway
2   must decrypt some but not all of said request packets to

3   forward said request to said server or said another server.

4   33. (new) The system of claim 32, wherein said gateway

5   must decrypt some but not all of said data packets to forward

6   said data to the terminal.

1   34. (new) The system of claim 32, wherein a browser on

2   the terminal provides information to said gateway for

3   forwarding said request to said server or said another server

4   without said gateway decrypting any of said request packets.

1   35 (new) The system of claim 34, wherein said information

2   includes one or more of a port number, a domain name, and an

3   URL.